



The Renovator

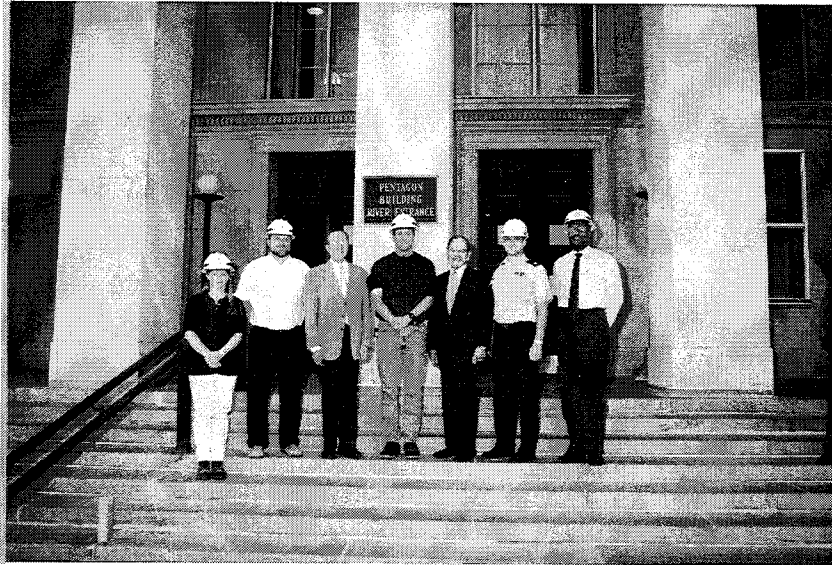
A Pentagon Renovation Construction Newsletter



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The River Terrace construction team received a visit from Secretary of Defense William Perry and Deputy Secretary of Defense John White upon completion of the waterproofing and structural repairs. Shown are (left to right) Engineering Technician Jeanine Molloy, Resident Engineer Kevin Powell, Secretary of Defense William Perry, Project Engineer Mark Page, Deputy Secretary of Defense John White, Deputy District Engineer Lt. Col. Chris Boruch, and Project Manager Virgle Coleman.

Final phase of River Terrace repairs complete

Secretaries' visit highlights renovation cooperation

The completion of the River Terrace waterproofing and structural repairs was marked by a special visit from Secretary of Defense William Perry and Deputy Secretary of Defense John White.

Perry and White were invited by Project Engineer Mark Page, who wanted to thank them for their support of the project.

Because the offices of the DoD secretaries use River Terrace for many ceremonies and protocol activities, it was essential to have their cooperation and approval to move the events temporarily. Additionally, parking spaces and traffic patterns were shifted

to accommodate the repairs.

The DoD secretaries' offices also overlook the Terrace, so both have seen the progress of the work.

While the weather was not always cooperative during construction (particularly with the above average amount of rain and snowfall since the new year began), the parties involved were.

The River Terrace repairs were truly a team effort, with representatives from the Office of the Secretary of Defense providing scheduling and meeting information so accommodations for special

events could be made.

"Having the Secretary of Defense and Deputy Secretary of Defense come by and personally thank the team for its efforts was a real morale booster," said Lt. Col. Chris Boruch, Deputy District Engineer, Pentagon Renovation Office.

Seconding that opinion was project engineer Page who noted, "After Secretary Perry and Deputy Secretary White visited, at least 10 members of the construction team expressed their gratitude and amazement—they just couldn't believe they took the time to come to a construction site to say thank you!"

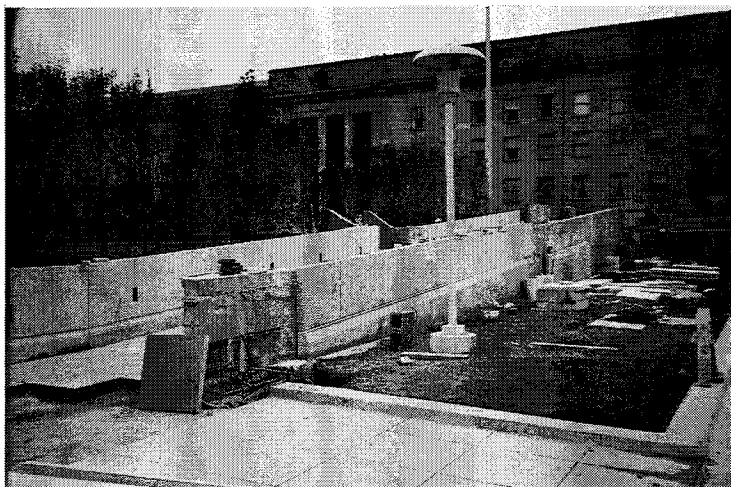
New ADA-compliant ramps make 'history'

A very special renovation effort is currently taking place on River Terrace. Two new Americans with Disabilities Act-compliant ramps are being added on River Terrace. Previously, the only ramp that was available was not ADA-compliant and was primarily used to move equipment for ceremonies.

The new ADA-compliant ramps are part of the Renovation Program's efforts to ensure the Pentagon meets current building and safety codes.

The ramps are located on each side of the River Terrace parade field and provide access to the parking level of River Terrace. Handicap access from the parking level to the building entrance will be facilitated by a handicap lift that is being added to the Terrace's south side portico.

The ramps have been designed to reflect the histori-



Construction of the new ADA-compliant ramps marks the first time since original construction that limestone has been added to the Pentagon's exterior.

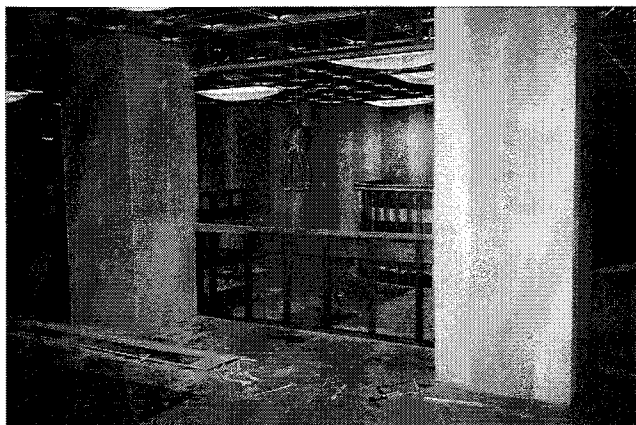
cal facade of the building. The Pentagon Renovation Office coordinated the addition of the ramps with the National Capital Planning Commission and Commission of Fine Arts.

"The installation of these ramps marks the first time limestone has been added to the Pentagon's exterior since original construction of the building," said Mark Page, project engineer.

And according to Page, the carefully selected limestone has some other historical ties.

"The limestone was procured by the contractor, Clark Construction, from an Indiana quarry in the same vicinity the original limestone was obtained so it has many of the same hues and patterns."

The ramps are expected to be completed this month.



Air Force Operations Group's new area in basement taking shape

The Air Force Operations Group will occupy a large portion of the mezzanine level of the Basement Renovation's Phase I area. Drywall and ceiling grids now separate the area into the specialized offices that will be housed there.

Preparations for new Tri-Care Clinic begin

Construction of the Pentagon's new Tri-Care Clinic is set to begin in early 1997. The construction start date for the clinic has been dependent on the completion of the River Terrace waterproofing and structural repairs.

The new Tri-Care Clinic area, which formerly housed the motorpool, is located beneath River Terrace. Waterproofing and structural repairs to the Terrace were completed in

October which allowed preparations for the clinic construction to begin.

The new Tri-Care Clinic will replace the three health clinics (Civilian, Army and Air Force) and dental clinic currently operating in the Pentagon.

The clinic, the first DoD facility of its kind in the United States, will service all military branches and DoD civilians. The state-of-the-art facility will cover approximately 50,000

square feet and include the following: emergency, trauma, microsurgery and counseling centers; radiology, dermatology, podiatry, optometry, cardiology, immunization, and dental clinics; pharmacy; laboratory; and physical therapy and Fit to Win centers.

The clinic will also provide an emergency entrance/exit and parking for ambulances.

The construction duration is estimated at 10 months.

New project will replace old structure

The Boundary Channel Drive access to River Terrace was closed last month when the final phase of waterproofing and structural repairs began. Now that those repairs have been completed, the Boundary Channel Drive

access to the Terrace will remain closed so the vehicular bridge that spans Route 110 can be replaced.

Replacement of the bridge is the next Renovation project, and is a much needed repair, according to the Pentagon Renovation Office.

"The bridge had deteriorated to a point that made replacement more cost efficient than

spot repairs," said Susan Wong, project engineer.

"The new bridge will be a historically accurate reproduction of the original bridge's exterior, but will incorporate modern foundation materials."

Construction of the new bridge will be performed by Wm. D. Euille & Associates of Alexandria, Va. Euille is the same small business contractor



The River Terrace Vehicular Bridge spans Route 110.

that recently completed the North Parking pedestrian ramp repairs, resurfaced the River Terrace's concrete walkways, built the new howitzer ramp and replaced the Terrace stairs opposite the howitzer ramp. "These projects were all completed on time and within budget," said Wong.

Demolition of the old bridge began in October, and traffic concerns for Route 110 are being addressed and coordinated with the Virginia Department of Transportation. With the exception of the Boundary Channel Drive access to the Terrace, most tenants will not be affected by the work.

The new bridge is scheduled for completion in the fall of 1997.

New tunnel moves closer to completion

The Center Courtyard Utilities Tunnel made both "visible" and "unseen" progress during October. The Corridor 3/4 apex reopens this month, leaving the Corridor 1/2 apex as the only above ground construction area.

Simultaneously, the work below ground has reached several milestones. Piping now extends through all five legs, and color coded insulation now covers and identifies a large portion of the piping.

The new utilities tunnel replaces the existing utilities tunnel

that runs beneath the A Ring. The appearance of the existing tunnel makes it readily apparent as to why the new tunnel is needed.

The existing tunnel is suffering from "overcrowding" and is difficult to maintain. In contrast, the new tunnel is an ergonomically designed structure with piping that is easily identified.

The new tunnel's utility lines can also continue service to other portions of the building during localized maintenance

service or localized shutdown, something that was not possible with the old tunnel's systems.

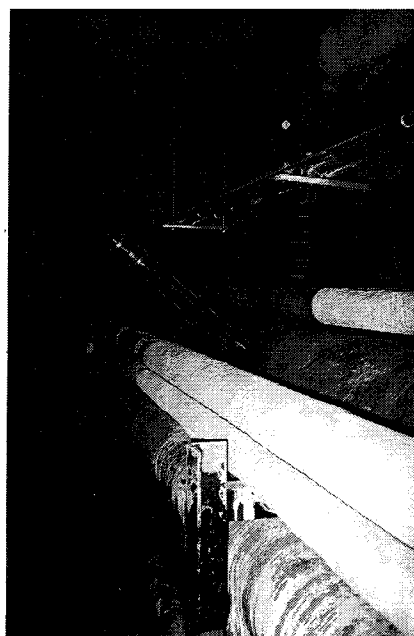
Plans for the existing tunnel's use will also improve services in the Pentagon.

Once the existing tunnel is no longer needed for utilities, it will be used to house a telecommunications "backbone" for the Pentagon, something that has not been possible because of current space constraints.

The new Center Courtyard Utilities Tunnel is expected to be complete in early 1997.



The new utilities tunnel.



The existing utilities tunnel.

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District Engineer.....Col. Randall R. Inouye
Deputy District Engineer.....Lt. Col. Christopher Boruch
Resident Program Manager.....John Chubb
Public Affairs Specialist & Editor.....Kim Speer

U.S. Army Corps of Engineers, Baltimore District
Pentagon Renovation Office (located in the North Parking Lot)

100 Boundary Channel Dr.

Arlington, Va. 22202-3712

Phone: (703) 693-8938 FAX: (703) 697-6722

E-mail: boruchc@pentagon-reno.army.mil

<http://www.nab.usace.army.mil/nab/penren/>